



LeapFrog LeapPad Ultra Repair Screen Replacement

This is a step by step replacement guide of the screen.

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INTRODUCTION

A damaged screen inhibits view and touchscreen functionality of the device. A screen replacement is necessary when the damage to the screen prevents the device from being used to its maximum capacity. When following this guide, be careful not to cause harm to any of the other internal components as they are very fragile.



TOOLS:

- [Phillips #1 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Battery



- Remove the barcode covering the screws on the lower back of the Leap Pad.

Step 2



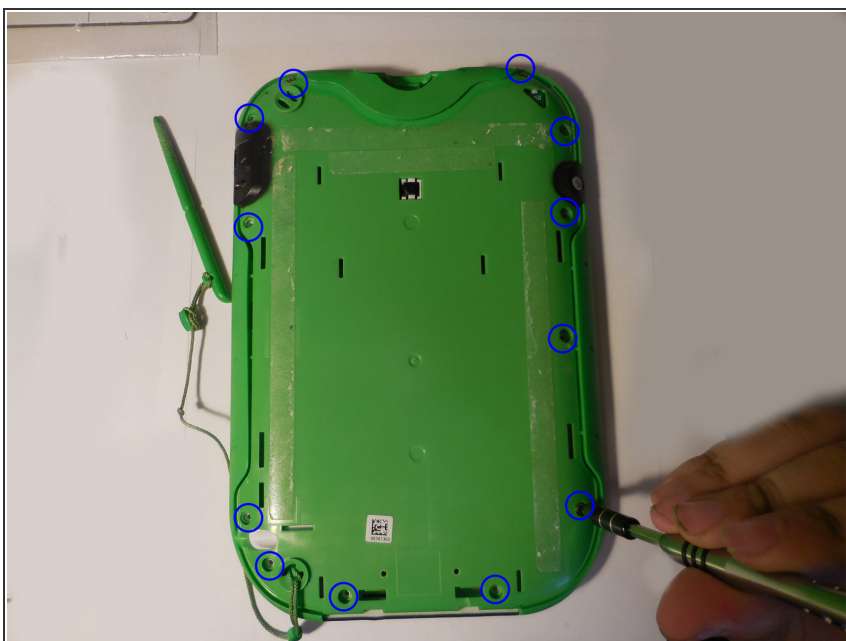
- Remove the two 5mm screws that were covered by the sticker.

Step 3



- Take plastic opening tool and pry off the outer protective child proof casing, starting from the bottom.

Step 4



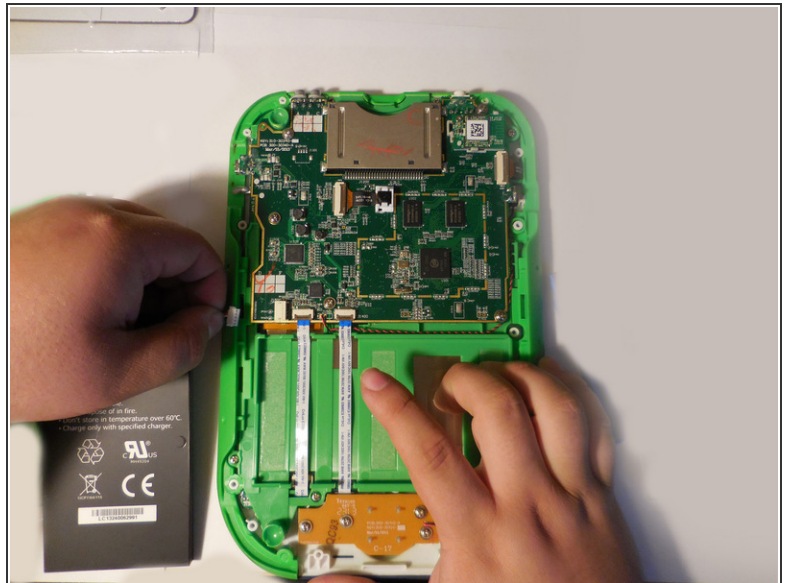
- Remove the 7mm screw to the right of the cartridge dock, two 8mm screws in the top left, and the nine 8mm screws holding the the green shell.

Step 5



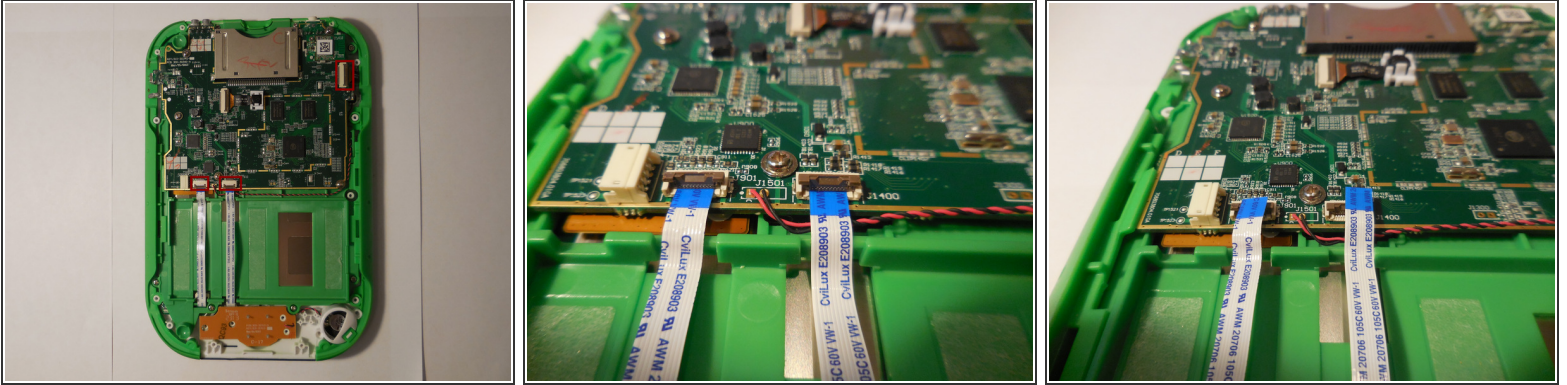
- Take off the hard plastic casing, exposing the motherboard and battery.

Step 6



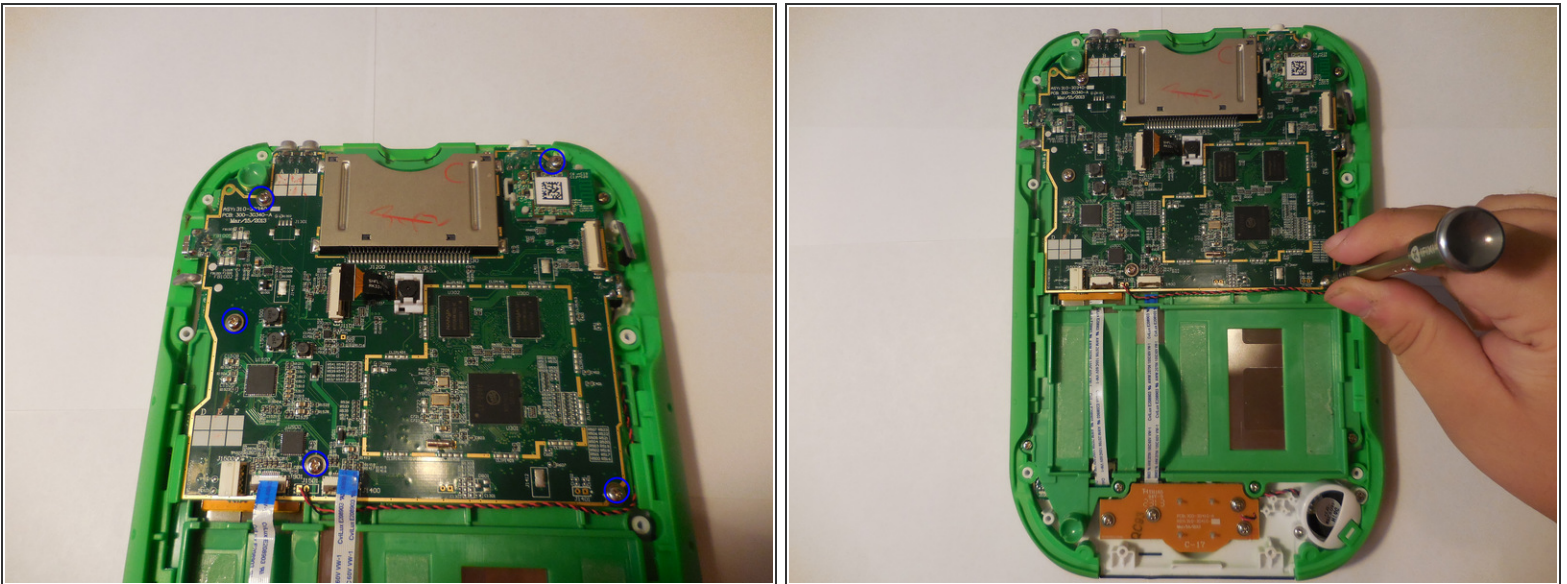
- The battery will be glued down, so use the flat end of the spudger to pry out the battery pack. Then using your fingers, grab the wire at the connection point and unplug the battery connector. Replace the battery with a new one.

Step 7 — Motherboard



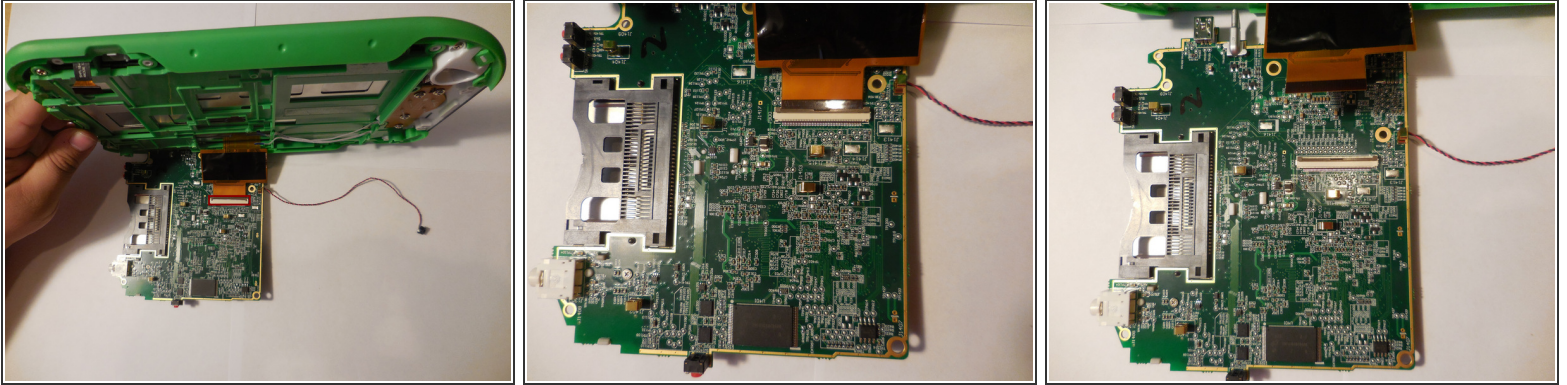
- Disconnect the three wires that will be visible on top of the motherboard. The wires need to be disconnected by pulling them up vertically.

Step 8



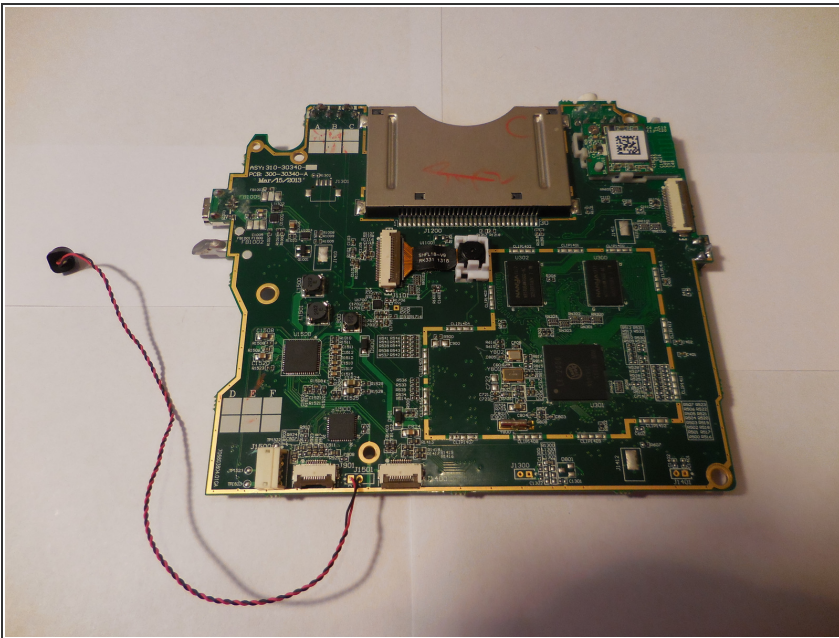
- Unscrew the four screws holding the motherboard into the housing.

Step 9



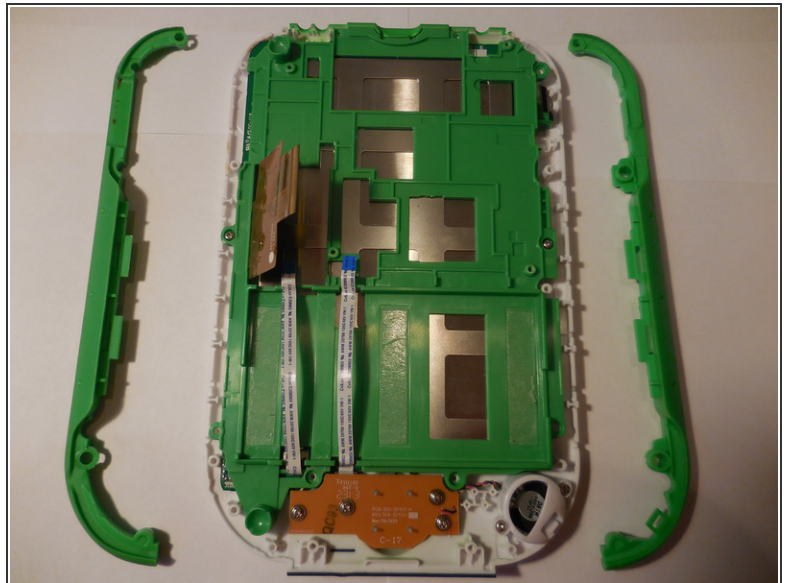
- Lift the motherboard up exposing the fourth and final wire. Once you lift up the motherboard you will need to pull down on the wire to disconnect.

Step 10



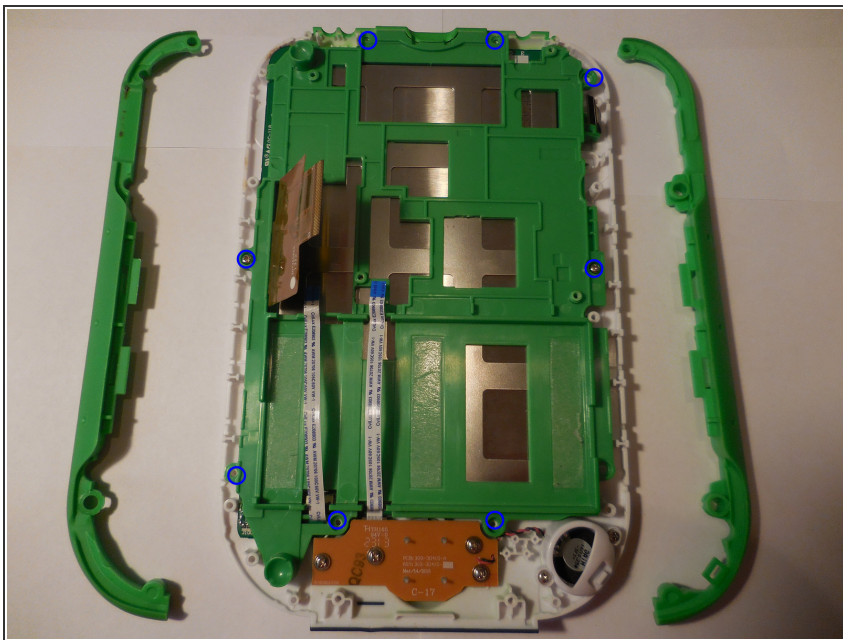
- Remove and replace motherboard.

Step 11 — Screen



- Remove the side grips simply pulling them both vertically exposing eight screws.

Step 12



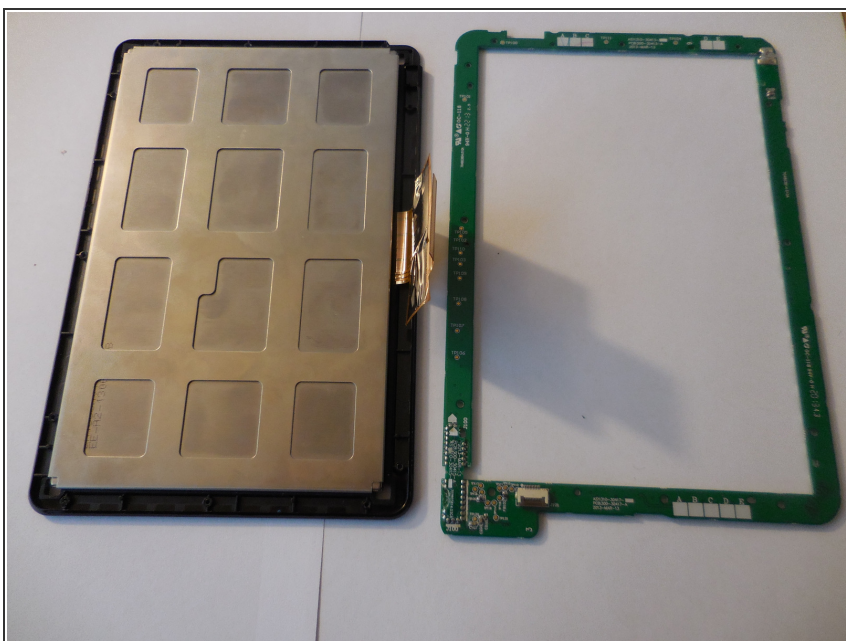
- Using the screwdriver with the PH1 bit, unscrew all nine of the exposed screws holding the plastic base down and remove the base.

Step 13



- Using the screwdriver with the PH00 bit, unscrew the twelve screws holding the screen casing down.

Step 14



- Separate the screen from the casing and circuit board.

Step 15



- Replace screen.

To reassemble your device, follow these instructions in reverse order.

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